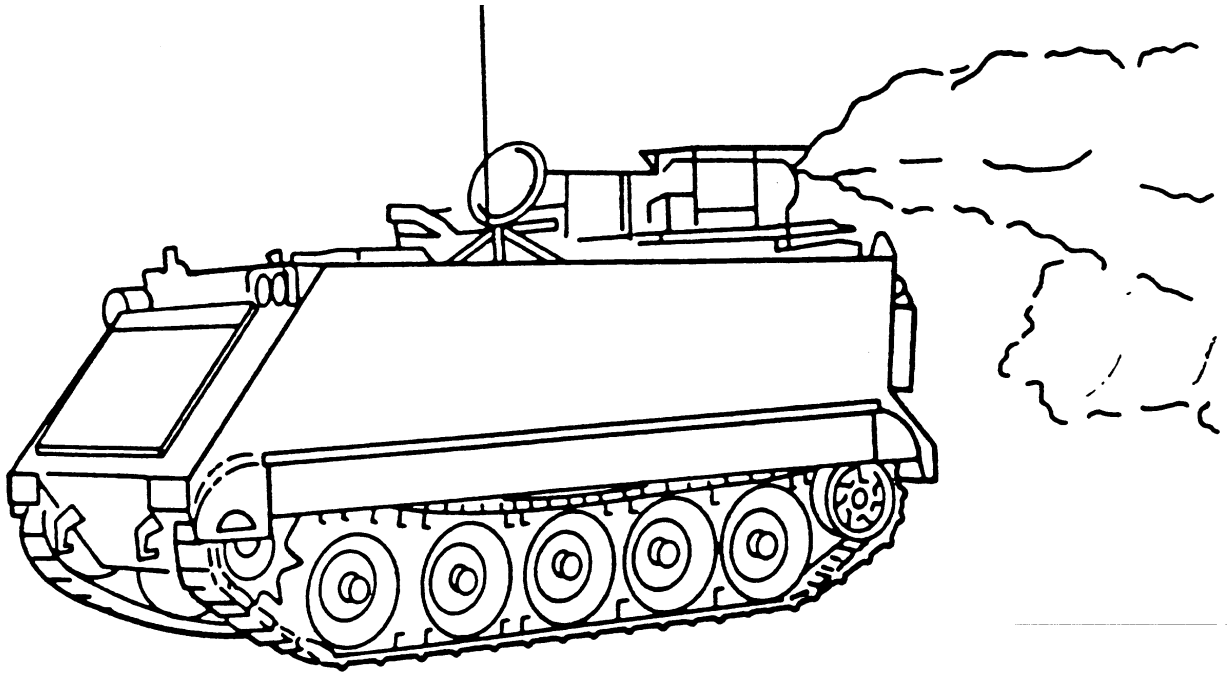


M1059 SMOKE GENERATOR



SYSTEM IDENTIFIERS

| | |
|---------------|--|
| NOMENCLATURE: | Carrier, Smoke Generator, Full Tracked |
| SSN: | G80709 |
| LIN: | C12815 |
| NSN: | 2350-01-203-0188 |
| AMIM NO: | A638 |
| EIC: | AES |
| FUEL TYPE: | JP-8 |

SYSTEM DESCRIPTION

The M1059 Smoke Generator Carrier is an M113A2 Armored Personnel Carrier (APC) modified to carry the M157 Smoke Generator Set (consisting of two M54 smoke generators that can be operated singularly or in tandem). The smoke generators are mounted on the roof under armor and are remotely controlled from inside the vehicle. The M1059 requires three types of fuels. The M113A2 APC operates on diesel; the M157 Smoke Generator Set operates on MOGAS; and the M157 Smoke Generator Set produces the smoke screen from fog oil. The fog oil is located inside the vehicle in a 120 gallon tank. The vehicle carries two five gallon gas cans mounted on the rear of the vehicle for operating the M157 Smoke Generator Set. The system is capable of generating smoke for one hour without refueling.

The list below identifies components associated with the weapon/materiel system. This is an all inclusive list of LINs.

M1059 SMOKE GENERATOR

| LIN | NSN | NOMENCLATURE |
|------------|------------------|-------------------------------------|
| A46470 | 5820-00-892-3342 | AMPLIFIER AUDIO FREQUENCY: AM-1780 |
| B38070 | 5820-00-893-1323 | BASE SHOCK MOUNT ELECTRICAL: MT-102 |
| C89070 | 1080-00-108-1173 | CAMOUFLAGE SCREEN SUPPORT SYSTEM |
| C89070 | 1080-01-179-6025 | CAMOUFLAGE SCREEN SUPPORT SYSTEM |
| C89145 | 1080-00-103-1246 | CAMOUFLAGE SCREEN SYSTEM: WOODLAND |
| C89145 | 1080-01-266-1824 | CAMOUFLAGE SCREEN SYSTEM: WOODLAND |
| C89145 | 1080-01-266-1827 | CAMOUFLAGE SCREEN SYSTEM: WOODLAND |
| C89213 | 1080-00-623-7295 | CAMOUFLAGE SCREEN SUPPORT SYSTEM |
| J46589 | 6115-00-857-1397 | GEN ST GAS ENG: DC 4.2KW 28V |
| K33400 | 8415-00-094-2691 | HELMET COMBAT VEHICLE CREWMANS |
| K93373 | 5830-00-856-3273 | INTERCOMMUNICATION SET: AN/VIC-1 |
| L67021 | 1055-01-059-0560 | LAUNCHER GRENADE SMOKE: SCREENING |
| N04456 | 5855-00-150-1820 | NIGHT VISION GOGGLES: AN/PVS-5 |
| Q34308 | 5820-00-223-7473 | RADIO SET: AN/GRC-160 |
| Q38299 | 5820-00-930-3724 | RADIO SET: AN/PRC-77 |
| Q56783 | 5820-00-223-7475 | RADIO SET: AN/VRC-64 |
| R31609 | 5820-01-234-8093 | RECEIVER-TRANSMITTER RADIO: RT-1523 |
| R44795 | 5820-01-151-9918 | RADIO SET: AN/VRC-89 |

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system and per mile are displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density and activity. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

**M1059 SMOKE GENERATOR
FY 95 TOTAL ARMY COST SUMMARY
(FY 95 Constant Dollars)**

| | | | |
|------------------------|--------|------------------------------------|---------|
| ACTIVITY/DENSITY | | DEPOT END ITEM MAINTENANCE (5.061) | |
| MILES | 70,015 | OMA TOTAL | \$0 |
| NUMBER OF SYSTEMS | 208 | QUANTITY COMPLETED | 0 |
| OPTEMPO (MILES/SYSTEM) | 337 | AVG COST/END ITEM | \$0.00 |
| | | PROC (MODIFICATIONS) | \$2,407 |

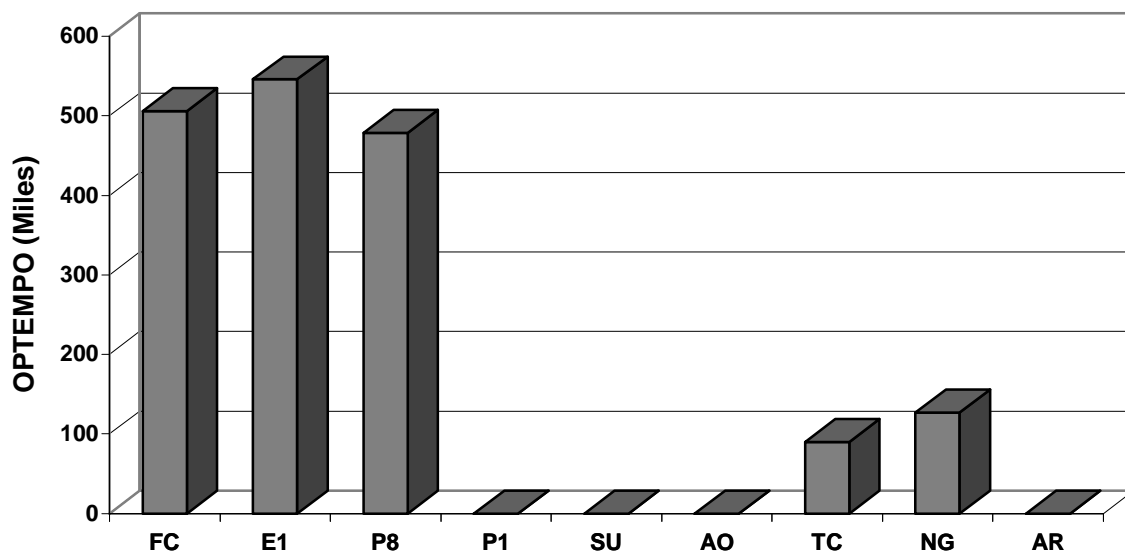
| | | | |
|----------------------|----------|----------------------------------|------------|
| CLASS III-POL (5.05) | | DEPOT SECONDARY ITEM MAINTENANCE | |
| POL | \$28,844 | DBOF TOTAL | \$100,137 |
| AVG COST/SYSTEM | \$138.67 | QUANTITY COMPLETED | 17 |
| AVG COST/MILE | \$0.41 | AVG COST/SECONDARY ITEM | \$5,890.41 |

| | | | | |
|---------------------------|--|--------------------------|--------------|-----------------|
| CLASS V-AMMUNITION (2.11) | | INTERMEDIATE MAINTENANCE | | |
| NOT APPLICABLE | | | <u>DS/GS</u> | <u>CIVILIAN</u> |
| | | MIL/CIV LABOR COST | \$56,391 | \$108,941 |
| | | AVG COST/SYSTEM | \$271.11 | \$947.31 |
| | | AVG COST/MILE | \$0.81 | \$2.22 |
| | | MAINTENANCE MANHOURS | 3,321 | 5,180 |
| | | MMHs/SYSTEM | 15.97 | 45.04 |
| | | MMHs/MILE | 0.05 | 0.11 |

| | | | |
|-------------------------------------|----------------|-------------------|-----------------|
| CLASS IX MATERIEL-PARTS (5.04/5.03) | | | |
| | FY 95 | AVG COST | AVG COST |
| | <u>DOLLARS</u> | <u>PER SYSTEM</u> | <u>PER MILE</u> |
| CONSUMABLES | \$592,880 | \$2,850.38 | \$8.47 |
| NET REPARABLES | \$180,515 | \$867.86 | \$2.58 |
| NET TOTAL COSTS | \$773,395 | \$3,718.25 | \$11.05 |

The following graph and table display FY 95 OPTEMPO data by MACOM. ACTIVITY represents the miles recorded in The Army Maintenance Management System-Equipment Data Base (TAMMS-EDB). NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). OPTEMPO is calculated by dividing ACTIVITY (Miles) by NUMBER OF SYSTEMS. The Total Army (TA) OPTEMPO is the summation of all MACOM activities (Miles) divided by the summation of all MACOM NUMBER OF SYSTEMS.

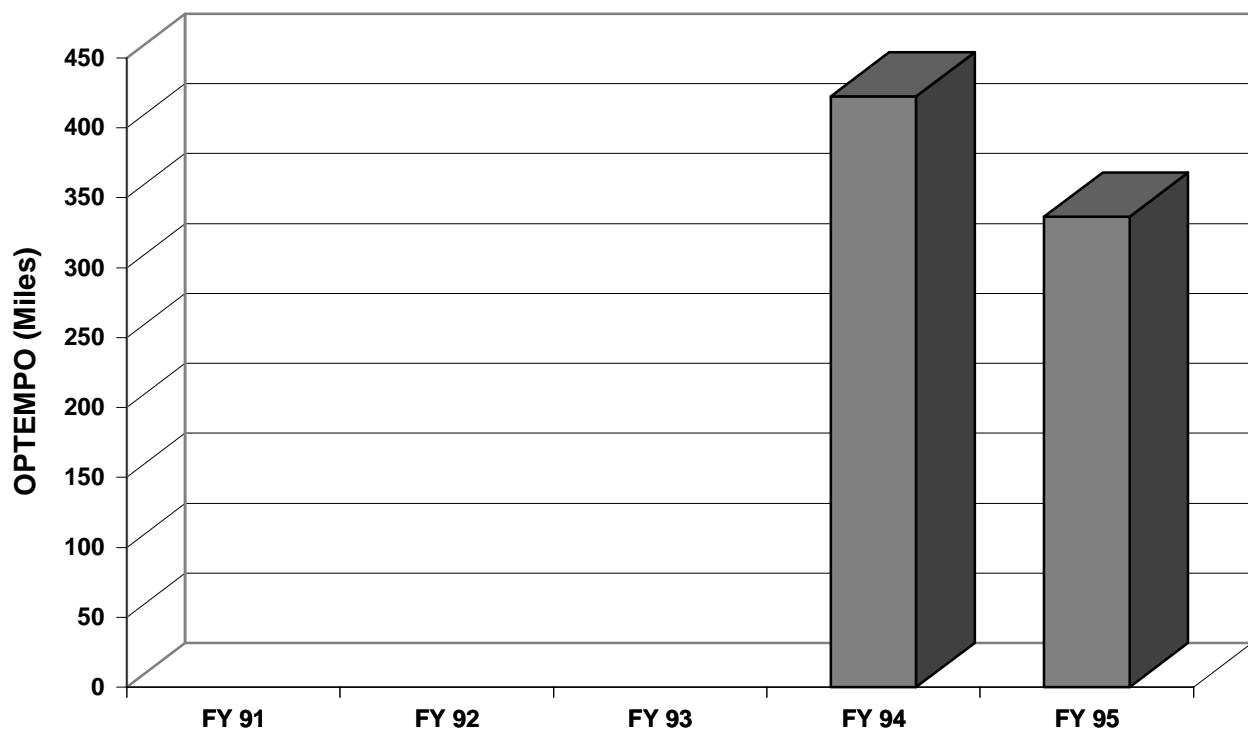
M1059 SMOKE GENERATOR



| M1059 SMOKE GENERATOR FY 95 MACOM OPTEMPO | | | | |
|--|------------|------------------|-------------------|-----------------|
| CODE | MACOM NAME | ACTIVITY (Miles) | NUMBER OF SYSTEMS | OPTEMPO (Miles) |
| FC | FORSCOM | 47,058 | 93 | 506 |
| E1 | USAREUR | 8,735 | 16 | 546 |
| P8 | EUSA | 3,352 | 7 | 479 |
| P1 | USARPAC | 0 | 0 | 0 |
| SU | USARSO | 0 | 0 | 0 |
| AO | USASOC | 0 | 0 | 0 |
| TC | TRADOC | 1,980 | 22 | 90 |
| NG | ARNG | 8,890 | 70 | 127 |
| AR | USAR | 0 | 0 | 0 |
| TA | TOTAL ARMY | 70,015 | 208 | 337 |

The following graph and table display FY 91-95 OPTEMPO by Total Army. The Total Army ACTIVITY and NUMBER OF SYSTEMS are a summation of all the MACOMs displayed on the previous page. ACTIVITY represents the miles recorded in TAMMS-EDB. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). OPTEMPO is calculated by dividing ACTIVITY (miles) by NUMBER OF SYSTEMS. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

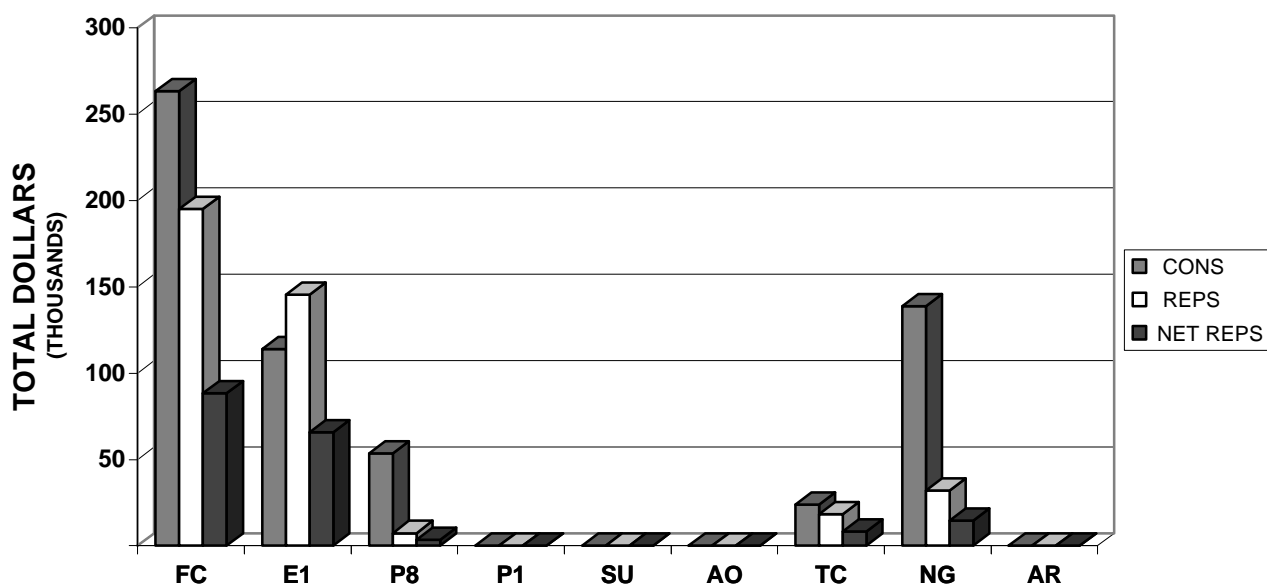
M1059 SMOKE GENERATOR



| M1059 SMOKE GENERATOR FIVE YEAR TOTAL ARMY OPTEMPO | | | |
|---|------------------|-------------------|-----------------|
| FISCAL YEAR | ACTIVITY (Miles) | NUMBER OF SYSTEMS | OPTEMPO (Miles) |
| FY 91 | | | |
| FY 92 | | | |
| FY 93 | | | |
| FY 94 | 77,712 | 184 | 422 |
| FY 95 | 70,015 | 208 | 337 |

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM. AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the activity (miles) for each MACOM.

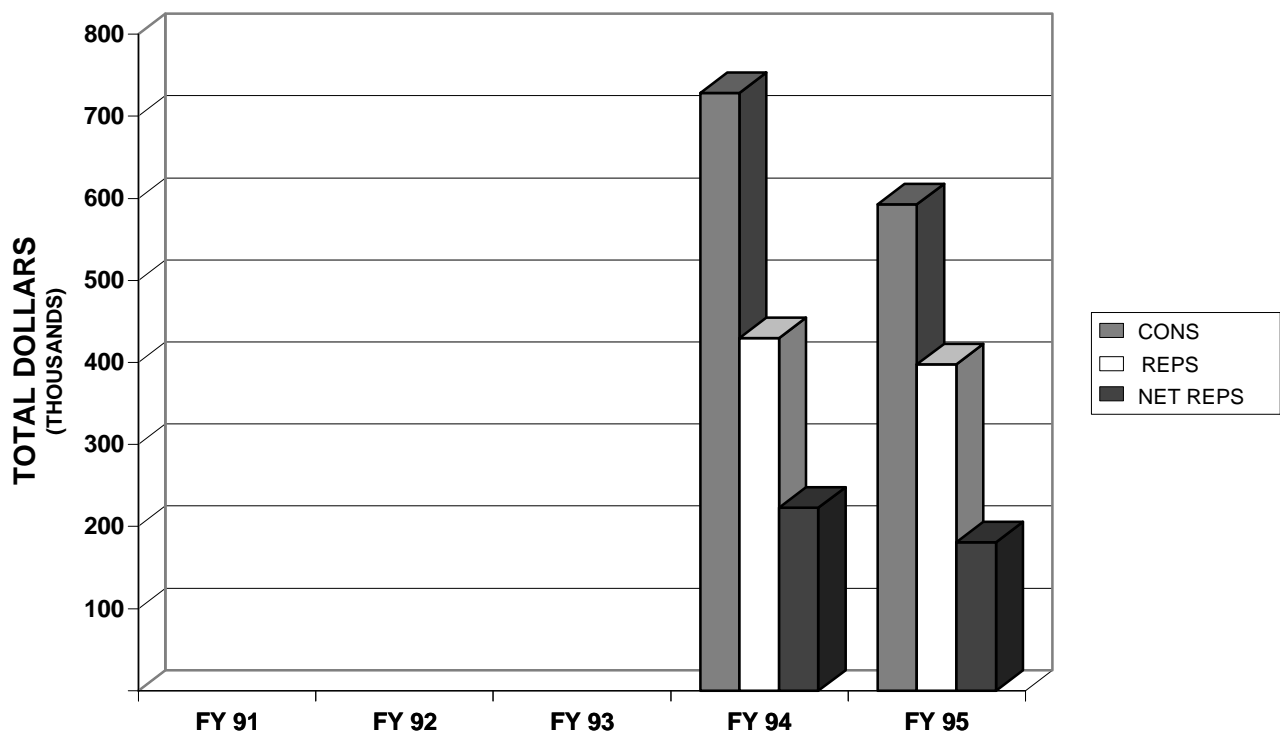
M1059 SMOKE GENERATOR



| M1059 SMOKE GENERATOR FY 95 MACOM CLASS IX COSTS | | | | | | | |
|---|------------|---------|---------|----------|-----------------|----------------|--------------|
| CODE | MACOM | CONS | REPS | NET REPS | NET TOTAL COSTS | AVG PER SYSTEM | AVG PER MILE |
| | NAME | | | | | | |
| FC | FORSCOM | 263,087 | 195,009 | 88,447 | 351,534 | 3,780 | 7 |
| E1 | USAREUR | 113,807 | 145,394 | 65,866 | 179,673 | 11,230 | 21 |
| P8 | EUSA | 53,654 | 7,380 | 3,355 | 57,009 | 8,144 | 17 |
| P1 | USARPAC | 0 | 0 | 0 | 0 | 0 | 0 |
| SU | USARSO | 0 | 0 | 0 | 0 | 0 | 0 |
| AO | USASOC | 0 | 0 | 0 | 0 | 0 | 0 |
| TC | TRADOC | 23,753 | 18,184 | 8,349 | 32,102 | 1,459 | 16 |
| NG | ARNG | 138,579 | 31,905 | 14,498 | 153,077 | 2,187 | 17 |
| AR | USAR | 0 | 0 | 0 | 0 | 0 | 0 |
| TA | TOTAL ARMY | 592,880 | 397,872 | 180,515 | 773,395 | 3,718 | 11 |

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPs are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. The AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the Total Army Activity for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

M1059 SMOKE GENERATOR



| M1059 SMOKE GENERATOR FIVE YEAR TOTAL ARMY CLASS IX COSTS | | | | | | |
|--|---------|---------|----------|-----------------|----------------|--------------|
| FISCAL YEAR | CONS | REPS | NET REPS | NET TOTAL COSTS | AVG PER SYSTEM | AVG PER MILE |
| FY 91 | | | | | | |
| FY 92 | | | | | | |
| FY 93 | | | | | | |
| FY 94 | 728,689 | 429,696 | 223,107 | 951,796 | 5,173 | 12 |
| FY 95 | 592,880 | 397,872 | 180,515 | 773,395 | 3,718 | 11 |

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparable (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army. AVG PER MILE costs are calculated by dividing the NET TOTAL COSTS by the total activity (Miles) for the entire Army.

| M1059 SMOKE GENERATOR FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS | | | | | | | |
|--|-------------------|---------|---------|----------|-----------------|----------------|--------------|
| WBS | NAME | CONS | REPS | NET REPS | NET TOTAL COSTS | AVG PER SYSTEM | AVG PER MILE |
| 01 | HULL/FRAME | 159,932 | 25,799 | 11,687 | 171,619 | 825 | 2 |
| 02 | SUSPENSION/STEER | 18,809 | 102,455 | 46,410 | 65,219 | 314 | 1 |
| 03 | PWR PKG/DRIVE TR | 155,080 | 260,688 | 118,100 | 273,180 | 1,313 | 4 |
| 04 | AUXILIARY AUTO | 14,970 | 0 | 0 | 14,970 | 72 | 0 |
| 05 | TURRET ASSEMBLY | 115 | 0 | 0 | 115 | 1 | 0 |
| 06 | FIRE CONTROL | 81,160 | 1,952 | 922 | 82,082 | 395 | 1 |
| 07 | ARMAMENT | 59,701 | 0 | 0 | 59,701 | 287 | 1 |
| 08 | BODY/CAB | 0 | 0 | 0 | 0 | 0 | 0 |
| 09 | AUTO LOADING | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | AUTO/REMOTE PILO | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | NBC EQUIPMENT | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | SPECIAL EQUIPMEN | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | NAVIGATION | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | COMMUNICATIONS | 74,033 | 6,944 | 3,379 | 77,412 | 372 | 1 |
| 15 | VEH APPS SOFTWARE | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | VEH SYST SOFTWARE | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | INTEG, ASSY, TES | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | OTHER | 29,080 | 34 | 17 | 29,097 | 140 | 0 |
| | TOTAL | 592,880 | 397,872 | 180,515 | 773,395 | 3,718 | 11 |

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. AVG PER MILE costs are calculated by dividing NET TOTAL COSTS by the total activity (miles) for the Total Army in the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

| M1059 SMOKE GENERATOR FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS | | | | | | |
|--|-------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| WBS | NAME | FY 91 NET TOTAL COSTS | FY 92 NET TOTAL COSTS | FY 93 NET TOTAL COSTS | FY 94 NET TOTAL COSTS | FY 95 NET TOTAL COSTS |
| 01 | HULL/FRAME | | | | 168,717 | 171,619 |
| 02 | SUSPENSION/STEER | | | | 86,282 | 65,219 |
| 03 | PWR PKG/DRIVE TR | | | | 538,420 | 273,180 |
| 04 | AUXILIARY AUTO | | | | 13,675 | 14,970 |
| 05 | TURRET ASSEMBLY | | | | 0 | 115 |
| 06 | FIRE CONTROL | | | | 41,707 | 82,082 |
| 07 | ARMAMENT | | | | 10,045 | 59,701 |
| 08 | BODY/CAB | | | | 0 | 0 |
| 09 | AUTO LOADING | | | | 0 | 0 |
| 10 | AUTO/REMOTE PILO | | | | 0 | 0 |
| 11 | NBC EQUIPMENT | | | | 4,933 | 0 |
| 12 | SPECIAL EQUIPMEN | | | | 0 | 0 |
| 13 | NAVIGATION | | | | 0 | 0 |
| 14 | COMMUNICATIONS | | | | 57,908 | 77,412 |
| 15 | VEH APPS SOFTWARE | | | | 0 | 0 |
| 16 | VEH SYST SOFTWARE | | | | 0 | 0 |
| 17 | INTEG, ASSY, TES | | | | 0 | 0 |
| 18 | OTHER | | | | 30,109 | 29,097 |
| | TOTAL | | | | 951,796 | 773,395 |
| | AVG PER SYSTEM | | | | 5,173 | 3,718 |
| | AVG PER MILE | | | | 12 | 11 |

M1059 SMOKE GENERATOR
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

M1059 SMOKE GENERATOR
CONSUMABLES (NON-DLRs)

| FY 94-95 | | | | | | | | | | | | | | |
|-------------------|---------------------|-----|-----|-----|--------|--------------------------|--------------|-------------------------------------|---------------|-------------|--------------------|------------------|------------------|---------------|
| NSN | NOMENCLATURE | WBS | MRC | ARI | MATCAT | FY 95 AMDF UNIT PRICE | FY 95 QTY | EXTENDED COST (QTY * UNIT PRICE) | AVERAGE COST | | AVERAGE QUANTITY | | TWO YEAR AVERAGE | |
| | | | | | | | | | PER SYSTEM | PER MILE | PER 100 SYSTEMS | PER 100 MILES | QTY | EXTENDED COST |
| 1. 1040012239660 | GENERATOR,SMOKE, | 07D | O | | M21ZA | 6,040.00 | 7.80 | 47,112 | 226.50 | 0.67 | 3.7500 | 0.0111 | 3.90 | 23,556 |
| 2. 5895012187037 | CONTROL-INDICATO | 14 | O | | M21ZA | 5,171.00 | 9.00 | 46,539 | 223.75 | 0.66 | 4.3269 | 0.0129 | 8.00 | 41,368 |
| 3. 5855010343845 | IMAGE INTENSIFIE | 06E | Z | | G22SZ | 1,357.00 | 30.12 | 40,873 | 196.50 | 0.58 | 14.4808 | 0.0430 | 26.54 | 36,008 |
| 4. 4730012594429 | COUPLING ASSEMBL | 01A | Z | | J2200 | 356.02 | 82.78 | 29,471 | 141.69 | 0.42 | 39.7981 | 0.1182 | 95.79 | 34,103 |
| 5. 5340012640198 | CAP,FILLER OPENI | 01A | O | | K21MX | 768.00 | 36.00 | 27,648 | 132.92 | 0.39 | 17.3077 | 0.0514 | 51.00 | 39,168 |
| 6. 5855001382386 | IMAGE INTENSIFIE | 06E | Z | | G22SX | 1,837.00 | 11.41 | 20,960 | 100.77 | 0.30 | 5.4856 | 0.0163 | 6.94 | 12,749 |
| 7. 2520007146135 | DIFFERENTIAL,STE | 03M | H | | K21MC | 5,471.00 | 2.13 | 11,653 | 56.02 | 0.17 | 1.0240 | 0.0030 | 1.89 | 10,313 |
| 8. 2930011079902 | FAN ASSEMBLY,VEN | 03G | F | | K21MC | 1,490.00 | 6.35 | 9,462 | 45.49 | 0.14 | 3.0529 | 0.0091 | 6.16 | 9,178 |
| 9. 4720012620990 | HOSE ASSEMBLY,NO | 01A | Z | | J2200 | 204.04 | 42.00 | 8,570 | 41.20 | 0.12 | 20.1923 | 0.0600 | 26.50 | 5,407 |
| 10. 4730012583841 | COUPLING ASSEMBL | 01A | Z | | M22ZA | 118.00 | 66.70 | 7,871 | 37.84 | 0.11 | 32.0673 | 0.0953 | 84.30 | 9,947 |
| 11. 2815007891006 | CYLINDER HEAD | 03A | H | | K21MC | 573.00 | 13.28 | 7,609 | 36.58 | 0.11 | 6.3846 | 0.0190 | 10.80 | 6,188 |
| 12. 1240010455496 | CASE,OPTICAL INSTRU | 06E | H | | Q21SY | 225.00 | 31.89 | 7,175 | 34.50 | 0.10 | 15.3317 | 0.0455 | 16.06 | 3,614 |
| 13. 2530011303366 | PAD,TRACK,SHOE | 02B | Z | | K22MC | 4.07 | 1,558.06 | 6,341 | 30.49 | 0.09 | 749.0673 | 2.2253 | 1,464.23 | 5,959 |
| 14. 2815000806540 | PARTS KIT,PISTON | 03A | Z | | J2200 | 83.61 | 75.78 | 6,336 | 30.46 | 0.09 | 36.4327 | 0.1082 | 58.37 | 4,880 |
| 15. 2510010288573 | SHOCK ABSORBER,D | 02G | Z | | K22MC | 47.86 | 126.84 | 6,071 | 29.19 | 0.09 | 60.9808 | 0.1812 | 126.48 | 6,053 |
| 16. 2920010540479 | REGULATOR,ENGINE | 03A | Z | | K22JT | 299.00 | 17.65 | 5,277 | 25.37 | 0.08 | 8.4856 | 0.0252 | 18.35 | 5,485 |
| 17. 5330010602531 | SEAL,PLAIN ENCAS | 01A | Z | | K22MC | 25.04 | 209.68 | 5,250 | 25.24 | 0.07 | 100.8077 | 0.2995 | 181.15 | 4,536 |
| 18. 2520010870156 | TRANSFER TRANSMI | 03H | H | | K21MC | 1,721.00 | 3.04 | 5,232 | 25.15 | 0.07 | 1.4615 | 0.0043 | 5.31 | 9,139 |
| 19. 2520010615766 | FINAL DRIVE ASSE | 03N | F | | K21MC | 1,298.00 | 3.78 | 4,906 | 23.59 | 0.07 | 1.8173 | 0.0054 | 5.92 | 7,684 |
| 20. 2540012350458 | SEAT,VEHICULAR | 01H | O | | J2200 | 917.97 | 5.00 | 4,590 | 22.07 | 0.07 | 2.4038 | 0.0071 | 3.00 | 2,754 |
| 21. 4720012620991 | HOSE ASSEMBLY,NO | 01A | Z | | J2200 | 297.67 | 15.00 | 4,465 | 21.47 | 0.06 | 7.2115 | 0.0214 | 11.00 | 3,274 |
| 22. 2815001245390 | ENGINE WITH CONT | 03A | H | | K21MC | 10,039.00 | 0.44 | 4,417 | 21.24 | 0.06 | 0.2115 | 0.0006 | 0.86 | 8,634 |
| 23. 2920013016846 | GENERATOR,ENGINE | 03A | F | | K21MW | 1,028.00 | 4.27 | 4,390 | 21.11 | 0.06 | 2.0529 | 0.0061 | 4.07 | 4,184 |
| 24. 2930010614294 | RADIATOR,ENGINE | 03G | F | | K21MC | 781.00 | 5.45 | 4,256 | 20.46 | 0.06 | 2.6202 | 0.0078 | 5.31 | 4,143 |
| 25. 5330006797951 | SEAL,PLAIN ENCAS | 01A | Z | | T22MC | 13.68 | 288.55 | 3,947 | 18.98 | 0.06 | 138.7260 | 0.4121 | 231.88 | 3,172 |
| 26. 4320006799159 | PUMP,ROTARY | 18 | Z | | K22MC | 95.39 | 40.96 | 3,907 | 18.78 | 0.06 | 19.6923 | 0.0585 | 42.20 | 4,025 |
| 27. 2815012482554 | ENGINE BLOCK ASS | 03A | H | | K21MC | 2,505.00 | 1.54 | 3,858 | 18.55 | 0.06 | 0.7404 | 0.0022 | 1.03 | 2,568 |
| 28. 6130010179496 | POWER SUPPLY | 18 | Z | | Q2200 | 346.26 | 10.86 | 3,760 | 18.08 | 0.05 | 5.2212 | 0.0155 | 13.78 | 4,771 |
| 29. 6140012101964 | BATTERY,STORAGE | 18 | F | | K21PU | 60.60 | 59.28 | 3,592 | 17.27 | 0.05 | 28.5000 | 0.0847 | 56.69 | 3,435 |
| 30. 2910000733011 | INJECTOR ASSEMBL | 03A | F | | J2100 | 91.14 | 39.30 | 3,582 | 17.22 | 0.05 | 18.8942 | 0.0561 | 35.84 | 3,266 |
| 31. 2540013308062 | TARPAULIN | 01H | Z | | K22MM | 131.00 | 27.15 | 3,557 | 17.10 | 0.05 | 13.0529 | 0.0388 | 16.18 | 2,119 |
| 32. 2590012350370 | SHIELD,RIGHT | 01H | Z | | K23MX | 3,396.00 | 1.00 | 3,396 | 16.33 | 0.05 | 0.4808 | 0.0014 | 0.50 | 1,698 |
| 33. 2910010165501 | GOVERNOR,DIESEL | 03A | H | | K21M5 | 771.00 | 4.34 | 3,346 | 16.09 | 0.05 | 2.0865 | 0.0062 | 2.24 | 1,727 |
| 34. 4330012149303 | PARTS KIT,FLUID | 18 | Z | | J2200 | 157.79 | 20.25 | 3,195 | 15.36 | 0.05 | 9.7356 | 0.0289 | 16.76 | 2,644 |
| 35. 3030011471565 | BELT,V | 03H | Z | | J22MW | 25.75 | 124.04 | 3,194 | 15.36 | 0.05 | 59.6346 | 0.1772 | 113.99 | 2,935 |
| 36. 6650007043549 | PERISCOPE(M17 | 01A | Z | | M22KD | 107.00 | 29.27 | 3,132 | 15.06 | 0.04 | 14.0721 | 0.0418 | 31.03 | 3,320 |
| 37. 2920013003737 | REGULATOR,ENGINE | 03A | Z | | K22MW | 200.00 | 13.43 | 2,686 | 12.91 | 0.04 | 6.4567 | 0.0192 | 31.55 | 6,309 |
| 38. 2920011448900 | WIRING HARNESS,B | 03A | Z | | K22MC | 188.00 | 13.98 | 2,628 | 12.63 | 0.04 | 6.7212 | 0.0200 | 10.86 | 2,042 |
| 39. 4320006799643 | PUMP,ROTARY | 18 | Z | | K22MC | 490.00 | 4.91 | 2,406 | 11.57 | 0.03 | 2.3606 | 0.0070 | 4.95 | 2,423 |
| 40. 1005006147463 | BOLT ASSEMBLY(A | 07C | F | | M21HH | 441.00 | 5.22 | 2,302 | 11.07 | 0.03 | 2.5096 | 0.0075 | 3.42 | 1,506 |

| | |
|-------------------|--------|
| NUMBER OF SYSTEMS | 208 |
| MILES | 70,015 |

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

| | | |
|---------|-------|--------|
| 378,962 | 63.9% | TOP 40 |
| 213,918 | 36.1% | OTHERS |
| ===== | | |
| 592,880 | | TOTAL |

**M1059 SMOKE GENERATOR
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)**

**M1059 SMOKE GENERATOR
REPARABLES (DLRs)**

| | | | | | | | | | | AVERAGE COST | | | | FY 94-95 | |
|-------------------|--------------------|-----|-----|-----|--------|-----------------------|-----------|-----------|---|--------------|----------|------------------|---------------|------------------|--------------------------|
| NSN | NOMENCLATURE | WBS | MRC | ARI | MATCAT | FY 95 AMDF UNIT PRICE | | FY 95 QTY | EXTENDED COST W/CREDIT (QTY * UNIT PRICE) | (W/CREDIT) | | AVERAGE QUANTITY | | TWO YEAR AVERAGE | |
| | | | | | | W/O CREDIT | W/CREDIT | | | PER SYSTEM | PER MILE | PER 100 SYSTEMS | PER 100 MILES | QTY | EXTENDED COST (W/CREDIT) |
| 1. 2520012014784 | TRANSMISSION WIT | 03H | H | R | K21M5 | 61,624.00 | 27,915.67 | 1.68 | 46,898 | 225.47 | 0.67 | 0.8077 | 0.0024 | 2.79 | 77,885 |
| 2. 2530000782908 | TRACK SHOE ASSEM | 02B | D | R | K21MC | 67.40 | 30.53 | 1,396.57 | 42,637 | 204.99 | 0.61 | 671.4279 | 1.9947 | 1,670.11 | 50,988 |
| 3. 2815012957458 | ENGINE,DIESEL | 03A | H | R | K21MC | 10,039.00 | 4,547.67 | 8.17 | 37,154 | 178.63 | 0.53 | 3.9279 | 0.0117 | 4.09 | 18,577 |
| 4. 2520011202169 | TRANSMISSION,HYD | 03H | H | R | K21MC | 5,306.00 | 2,403.62 | 7.17 | 17,234 | 82.86 | 0.25 | 3.4471 | 0.0102 | 3.59 | 8,617 |
| 5. 2815012487644 | ENGINE,W CONTAIN | 03A | H | C | K21M5 | 18,504.00 | 8,382.31 | 1.53 | 12,825 | 61.66 | 0.18 | 0.7356 | 0.0022 | 1.64 | 13,747 |
| 6. 2540011695159 | HEATER,VEHICULAR | 01H | F | E | K21MC | 2,818.00 | 1,276.55 | 4.88 | 6,230 | 29.95 | 0.09 | 2.3462 | 0.0070 | 6.49 | 8,278 |
| 7. 2540011623834 | HEATER,VEHICULAR | 01H | F | C | K21MC | 1,440.00 | 652.32 | 8.17 | 5,329 | 25.62 | 0.08 | 3.9279 | 0.0117 | 8.04 | 5,245 |
| 8. 2530011393748 | WHEEL,SOLID RUBB | 02A | D | R | K21MC | 68.82 | 31.18 | 121.00 | 3,773 | 18.14 | 0.05 | 58.1731 | 0.1728 | 110.73 | 3,453 |
| 9. 2920009814936 | STARTER-GENERATO | 03A | F | C | B21VS | 1,049.00 | 478.34 | 4.31 | 2,062 | 9.91 | 0.03 | 2.0721 | 0.0062 | 2.16 | 1,031 |
| 10. 2920007821955 | GENERATOR ALTERN | 03A | F | C | K21MC | 914.00 | 414.04 | 3.78 | 1,565 | 7.52 | 0.02 | 1.8173 | 0.0054 | 3.77 | 1,561 |
| 11. 5820011888818 | EXCITER,RADIO FR | 14 | D | | G21R9 | 1,096.00 | 533.75 | 1.27 | 678 | 3.26 | 0.01 | 0.6106 | 0.0018 | 0.64 | 339 |
| 12. 5865012822846 | CONTROL,COUNTER | 14 | D | | G21R9 | 2,139.00 | 1,041.69 | 0.47 | 490 | 2.36 | 0.01 | 0.2260 | 0.0007 | 0.24 | 245 |
| 13. 5855010455495 | CELL ASSEMBLY,OP | 06E | D | | G21SY | 918.00 | 447.07 | 0.78 | 349 | 1.68 | 0.00 | 0.3750 | 0.0011 | 0.63 | 282 |
| 14. 5820011792680 | CONTROL ASSEMBLY | 14 | D | | G21R9 | 563.00 | 274.18 | 1.19 | 326 | 1.57 | 0.00 | 0.5721 | 0.0017 | 0.60 | 163 |
| 15. 5999013448473 | CHASSIS,ELECTRIC | 14 | D | | G24R9 | 552.00 | 268.82 | 1.10 | 296 | 1.42 | 0.00 | 0.5288 | 0.0016 | 0.55 | 148 |
| 16. 5820013100282 | CONTROL,COUNTER | 14 | D | | G24R9 | 1,808.00 | 880.50 | 0.32 | 282 | 1.36 | 0.00 | 0.1538 | 0.0005 | 0.16 | 141 |
| 17. 5895013602623 | AMPLIFIER SUBASS | 14 | H | E | G24R9 | 575.00 | 280.03 | 0.99 | 277 | 1.33 | 0.00 | 0.4760 | 0.0014 | 0.50 | 139 |
| 18. 5820011888817 | TUNER,RADIO FREQ | 14 | D | | G21R9 | 620.00 | 301.94 | 0.78 | 236 | 1.13 | 0.00 | 0.3750 | 0.0011 | 0.39 | 118 |
| 19. 1240007652971 | PERISCOPE,TANK | 06E | D | C | M21MB | 2,181.00 | 1,011.98 | 0.20 | 202 | 0.97 | 0.00 | 0.0962 | 0.0003 | 0.21 | 207 |
| 20. 1240010647204 | TELESCOPE,PANORA | 06E | D | | M21MV | 6,891.00 | 3,197.42 | 0.06 | 192 | 0.92 | 0.00 | 0.0288 | 0.0001 | 0.03 | 96 |
| 21. 5820009061115 | MATCHING UNIT-BA | 14 | D | | G21RT | 190.00 | 92.53 | 1.85 | 171 | 0.82 | 0.00 | 0.8894 | 0.0026 | 0.93 | 86 |
| 22. 1240010507256 | PERISCOPE,TANK | 06E | D | | M21MV | 36,873.00 | 17,109.07 | 0.01 | 171 | 0.82 | 0.00 | 0.0048 | 0.0000 | 0.02 | 342 |
| 23. 2805012184524 | HOUSING,FLYWHEEL | 03A | D | | K23M4 | 1,151.00 | 521.40 | 0.30 | 156 | 0.75 | 0.00 | 0.1442 | 0.0004 | 0.17 | 86 |
| 24. 5895011792808 | SYNTHESIZER,ELEC | 14 | D | | G21R9 | 570.00 | 277.59 | 0.48 | 133 | 0.64 | 0.00 | 0.2308 | 0.0007 | 0.24 | 67 |
| 25. 5998013501709 | CIRCUIT CARD ASS | 14 | D | D | G24R9 | 440.00 | 214.28 | 0.51 | 109 | 0.52 | 0.00 | 0.2452 | 0.0007 | 0.26 | 55 |
| 26. 6130011792737 | POWER SUPPLY | 14 | D | E | G21R9 | 650.00 | 316.55 | 0.29 | 92 | 0.44 | 0.00 | 0.1394 | 0.0004 | 0.15 | 46 |
| 27. 3020005728722 | GEAR SET,SPUR,MA | 03H | D | | K21MC | 180.00 | 81.54 | 1.13 | 92 | 0.44 | 0.00 | 0.5433 | 0.0016 | 1.07 | 87 |
| 28. 5998012877131 | ELECTRONIC COMPO | 14 | D | | G21R9 | 298.00 | 145.13 | 0.49 | 71 | 0.34 | 0.00 | 0.2356 | 0.0007 | 0.25 | 36 |
| 29. 2520012515490 | PUMP ASSEMBLY,SC | 03H | D | | K21M5 | 1,379.00 | 624.69 | 0.11 | 69 | 0.33 | 0.00 | 0.0529 | 0.0002 | 0.10 | 59 |
| 30. 4810011980504 | VALVE,SOLENOID | 01A | D | | K21M5 | 1,141.00 | 516.87 | 0.12 | 62 | 0.30 | 0.00 | 0.0577 | 0.0002 | 0.16 | 83 |
| 31. 5998013687102 | CIRCUIT CARD ASS | 14 | D | | G21R9 | 1,306.00 | 636.02 | 0.08 | 51 | 0.25 | 0.00 | 0.0385 | 0.0001 | 0.04 | 25 |
| 32. 5998011792825 | CIRCUIT CARD ASS | 14 | D | | G21R9 | 194.00 | 94.48 | 0.46 | 43 | 0.21 | 0.00 | 0.2212 | 0.0007 | 0.23 | 22 |
| 33. 5998011792824 | CIRCUIT CARD ASS | 14 | D | | G21R9 | 146.00 | 71.10 | 0.52 | 37 | 0.18 | 0.00 | 0.2500 | 0.0007 | 0.26 | 18 |
| 34. 5998012490292 | CIRCUIT CARD ASS | 14 | D | | G21R9 | 296.00 | 144.15 | 0.23 | 33 | 0.16 | 0.00 | 0.1106 | 0.0003 | 0.12 | 17 |
| 35. 6650012995454 | CELL ASSEMBLY,OP | 01A | D | D | G24SZ | 222.00 | 108.11 | 0.30 | 32 | 0.15 | 0.00 | 0.1442 | 0.0004 | 3.26 | 352 |
| 36. 2520012359590 | COVER ASSEMBLY,P | 03H | D | | K21M5 | 205.00 | 92.87 | 0.28 | 26 | 0.13 | 0.00 | 0.1346 | 0.0004 | 0.34 | 32 |
| 37. 5998013081428 | CIRCUIT CARD ASSEM | 14 | D | S | G21R9 | 1,306.00 | 636.02 | 0.04 | 25 | 0.12 | 0.00 | 0.0192 | 0.0001 | 0.02 | 13 |
| 38. 2520012687206 | ASSEMBLY HOUSING | 01H | D | | K21M5 | 2,514.00 | 1,138.84 | 0.02 | 23 | 0.11 | 0.00 | 0.0096 | 0.0000 | 0.01 | 11 |
| 39. 2815012482560 | HOUSING,FLYWHEEL | 03A | D | | K23M5 | 1,232.00 | 558.10 | 0.04 | 22 | 0.11 | 0.00 | 0.0192 | 0.0001 | 0.18 | 100 |
| 40. 6650011652163 | RETICLE PROJECTO | 18 | D | | G21SY | 564.00 | 274.67 | 0.06 | 16 | 0.08 | 0.00 | 0.0288 | 0.0001 | 0.04 | 10 |

| | |
|-------------------|--------|
| NUMBER OF SYSTEMS | 208 |
| MILES | 70,015 |

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

| | | |
|---------|--------|--------|
| 180,469 | 100.0% | TOP 40 |
| 46 | 0.0% | OTHERS |
| ===== | | |
| 180,515 | | TOTAL |

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

| M1059 SMOKE GENERATOR FY 95 DEPOT MAINTENANCE COSTS | | | | | | | |
|--|----------------------|----------|-------|--------------|----------------------------|----------|-------|
| COST ELEMENTS | END ITEM MAINTENANCE | | | | SECONDARY ITEM MAINTENANCE | | |
| | REPAIR | OVERHAUL | OTHER | MODIFICATION | REPAIR | OVERHAUL | OTHER |
| CIVILIAN LABOR | 0 | 0 | 0 | 0 | 158 | 24,216 | 0 |
| MILITARY LABOR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MATERIEL | 0 | 0 | 0 | 0 | 320 | 19,484 | 0 |
| OVERHEAD | 0 | 0 | 0 | 0 | 243 | 55,138 | 0 |
| CONTRACT | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER | 0 | 0 | 0 | 0 | 3 | 575 | 0 |
| TOTAL | 0 | 0 | 0 | 0 | 724 | 99,413 | 0 |
| QTY COMPLETED | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| AVG COST | 0 | 0 | 0 | 0 | 0 | 5,848 | 0 |

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

| M1059 SMOKE GENERATOR FY 95 INTERMEDIATE MAINTENANCE COSTS | | | | | |
|---|-------------------|-------------------|-----------------------|-----------------------|--------------------------|
| MACOM | DS/GS LABOR HOURS | DS/GS LABOR COSTS | CIVILIAN LABOR HOURS* | CIVILIAN LABOR COSTS* | CIVILIAN LABOR COST/HOUR |
| FORSCOM | 1,015 | 17,235 | 2,010 | 34,257 | 17.04 |
| USAREUR | 239 | 4,058 | | | |
| EUSA | 157 | 2,666 | | | |
| USARPAC | 0 | 0 | | | |
| USARSO | 0 | 0 | | | |
| USASOC | 0 | 0 | | | |
| TRADOC | 0 | 0 | 3,170 | 74,684 | 23.56 |
| ARNG | 1,910 | 32,432 | | | |
| USAR | 0 | 0 | | | |
| TOTAL ARMY | 3,321 | 56,391 | 5,180 | 108,941 | 21.03 |

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

| M1059 SMOKE GENERATOR FIVE YEAR DEPOT MAINTENANCE COSTS | | | | | | | | | | |
|--|----------------------|-------|-------|-------|-------|----------------------------|-------|-------|--------|---------|
| COST ELEMENTS | END ITEM MAINTENANCE | | | | | SECONDARY ITEM MAINTENANCE | | | | |
| | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 |
| CIVILIAN LABOR | | | | 0 | 0 | | | | 22,022 | 24,374 |
| MILITARY LABOR | | | | 0 | 0 | | | | 0 | 0 |
| MATERIEL | | | | 0 | 0 | | | | 36,291 | 19,804 |
| OVERHEAD | | | | 0 | 0 | | | | 33,997 | 55,381 |
| CONTRACT | | | | 0 | 0 | | | | 0 | 0 |
| OTHER | | | | 0 | 0 | | | | 2,106 | 578 |
| TOTAL | | | | 0 | 0 | | | | 94,416 | 100,137 |
| QTY COMPLETED | | | | 0 | 0 | | | | 960 | 17 |
| AVG COST | | | | 0 | 0 | | | | 98 | 5,890 |

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

| M1059 SMOKE GENERATOR FIVE YEAR INTERMEDIATE MAINTENANCE COSTS | | | | | | | | | | |
|---|---|-------|-------|--------|--------|----------------------------|-------|-------|--------|---------|
| MACOM | DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS) | | | | | CIVILIAN MAINTENANCE (CIV) | | | | |
| | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 | FY 91 | FY 92 | FY 93 | FY 94 | FY 95 |
| FORSCOM | | | | 12,129 | 17,235 | | | | 40,201 | 34,257 |
| USAREUR | | | | 10,798 | 4,058 | | | | | |
| EUSA | | | | 273 | 2,666 | | | | | |
| USARPAC | | | | 0 | 0 | | | | | |
| USARSO | | | | 0 | 0 | | | | | |
| USASOC | | | | 0 | 0 | | | | | |
| TRADOC | | | | 0 | 0 | | | | 0 | 74,684 |
| ARNG | | | | 9,109 | 32,432 | | | | | |
| USAR | | | | 0 | 0 | | | | | |
| TOTAL ARMY | | | | 32,309 | 56,391 | | | | 40,201 | 108,941 |
| LABOR HRS | | | | 1,894 | 3,321 | | | | 1,648 | 5,180 |
| COST PER HR | | | | 17.06 | 16.98 | | | | 24.39 | 21.03 |

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

| M1059 SMOKE GENERATOR FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS | | | | | |
|---|------------------|------------------------|--|---------------------------|-------------------------------------|
| NSN | NOMENCLATURE | FY 95 AMDF PRICE | FY 95 TOTAL COST TO REBUILD/ OVERHAUL | FY 95 QTY COMPLETED | AVG COST TO REBUILD/ OVERHAUL |
| 2815-01-295-7458 | ENGINE,DIESEL | 10,039 | 97,512 | 12 | 8,126 |
| 2920-00-981-4936 | STARTER-GENERATO | 1,049 | 1,846 | 3 | 615 |
| 5895-01-179-2681 | AMPLIFIER SUBASS | 575 | 28 | 0 | 0 |
| 5895-01-360-2623 | AMPLIFIER SUBASS | 575 | 27 | 0 | 0 |

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

| M1059 SMOKE GENERATOR FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS | | | | | |
|--|------------------|------------------------|----------------------------------|---------------------------|-----------------------|
| NSN | NOMENCLATURE | FY 95 AMDF PRICE | FY 95 TOTAL COST TO REPAIR | FY 95 QTY COMPLETED | AVG COST TO REPAIR |
| 2540-01-169-5159 | HEATER,VEHICULAR | 2,818 | 651 | 0 | 0 |
| 2920-00-782-1955 | GENERATOR ALTERN | 914 | 73 | 0 | 0 |

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

| M1059 SMOKE GENERATOR FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS | | | | | |
|---|----------------------|------------------------|---|------------------------------|-------------------------------------|
| NSN | NOMENCLATURE | FY 95 AMDF PRICE | FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL | FY 91-95 QTY COMPLETED | AVG COST TO REBUILD/ OVERHAUL |
| 2815-01-295-7458 | ENGINE,DIESEL | 10,039 | 97,512 | 12 | 8,126 |
| 2815-01-248-7644 | ENGINE,W CONTAINER | 18,504 | 46,075 | 2 | 23,038 |
| 2530-00-078-2908 | TRACK SHOE ASSEMBLY | 67 | 38,861 | 946 | 41 |
| 2920-00-981-4936 | STARTER-GENERATOR,E | 1,049 | 1,846 | 3 | 615 |
| 1005-00-614-7463 | BOLT ASSEMBLY(ALTER | 441 | 81 | 1 | 81 |
| 5895-01-179-2681 | AMPLIFIER SUBASSEMB | 575 | 76 | 0 | 0 |
| 5895-01-360-2623 | AMPLIFIER SUBASSEMB | 575 | 27 | 0 | 0 |

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

| M1059 SMOKE GENERATOR FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS | | | | | |
|--|---------------------|------------------------|-------------------------------------|------------------------------|-----------------------|
| NSN | NOMENCLATURE | FY 95 AMDF PRICE | FY 91-95 TOTAL COST TO REPAIR | FY 91-95 QTY COMPLETED | AVG COST TO REPAIR |
| 2540-01-162-3834 | HEATER,VEHICULAR,CO | 1,440 | 3,458 | 5 | 692 |
| 2540-01-169-5159 | HEATER,VEHICULAR,CO | 2,818 | 2,750 | 2 | 1,375 |
| 2920-01-054-0479 | REGULATOR,ENGINE GE | 299 | 736 | 3 | 245 |
| 2920-00-782-1955 | GENERATOR ALTERNATI | 914 | 697 | 1 | 697 |
| 5820-00-906-1115 | MATCHING UNIT-BASE | 190 | 373 | 2 | 187 |



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